

**COMBINED DECLARATION AND POWER OF ATTORNEY  
IN ORIGINAL APPLICATION**

Attorney Docket No.  
AD-352J

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; that

I verily believe that I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are named below) of the invention entitled **FRACTIONAL-N SYNTHESIZER AND METHOD OF PROGRAMMING THE OUTPUT PHASE** described and claimed in the attached specification, that I understand the content of the attached specification, including the claims, that I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months prior to this application, that I acknowledge my duty to disclose information of which I am aware which is known to be material to patentability in accordance with 37 CFR 1.56, and that I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows: **None**.

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Joseph S. Iandiorio, Reg. No. 23,095    Jason D. Shanske, Reg. No. 43,915    Thomas E. Thompkins, Jr., Reg. No. 47,136  
Kirk Teska, Reg. No. 36,291    Roy J. Coleman, Reg. No. 48,863    David W. Poirier, Reg. No. 43,007

Address all telephone calls to Joseph S. Iandiorio or Kirk Teska at (781) 890-5678.

Address all correspondence to Iandiorio & Teska, 260 Bear Hill Road, Waltham, MA 02451-1018.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of 1st or sole inventor Patrick Walsh	Inventor's signature <i>Pat Walsh</i>	Date 25/3/04
--	--	-----------------

Residence 49 Taracrea, Kilteragh, Dooradoyle Road, Limerick, Ireland	Citizenship Ireland
---	------------------------

Post office address 49 Taracrea, Kilteragh, Dooradoyle Road, Limerick, Ireland
---

Full name of 2nd inventor Michael F. Keaveney	Inventor's signature <i>Michael Keaveney</i>	Date 25 <sup>th</sup> March 2004
--	---	-------------------------------------

Residence 4 Rich Hill Woods, Lisnagry, County Limerick, Ireland	Citizenship Ireland
--	------------------------

Post office address 4 Rich Hill Woods, Lisnagry, County Limerick, Ireland
--

Full name of 3rd inventor	Inventor's signature	Date
---------------------------	----------------------	------

Residence	Citizenship
-----------	-------------

Post office address
---------------------